

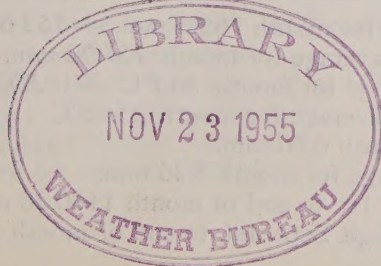
MONTHLY BULLETIN
OF
THE OBSERVATORY
AMERICAN UNIVERSITY OF BEIRUT
BEIRUT, LEBANON

LAT. $33^{\circ} 54' 22''$ N.
LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

JUNE 1952

ROBERT W. SLOANE, DIRECTOR

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JUNE 1952

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrass Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	59.9	59.7	59.8	59.8	32.4	24.4	26.3	31.1	24.9	27.4
2	57.8	56.0	55.7	56.5	36.7	20.8	30.6	30.2	24.2	28.3
3	57.6	57.8	59.0	58.1	30.4	20.2	25.9	30.2	22.8	26.3
4	59.5	59.7	60.6	59.9	27.4	19.0	24.2	26.4	21.8	24.0
5	60.6	59.9	59.3	59.9	27.6	19.3	24.7	24.8	20.7	23.4
6	58.8	58.2	57.6	58.2	26.2	19.7	23.9	25.2	21.3	23.5
7	58.0	58.1	58.8	58.3	27.3	20.3	24.3	26.7	21.3	24.1
8	59.4	60.5	61.6	60.5	27.2	19.4	24.6	26.1	21.2	24.0
9	62.3	62.0	61.6	62.0	27.7	18.9	24.4	27.7	21.3	24.5
10	60.5	59.6	59.3	59.8	27.6	19.5	24.1	26.9	20.7	23.9
11	58.2	57.5	57.8	57.8	27.4	20.2	24.4	27.1	21.5	24.3
12	57.9	58.1	58.5	58.2	27.7	18.8	25.2	27.4	21.4	24.7
13	59.4	59.5	59.3	59.4	28.8	20.0	24.9	27.9	21.2	24.7
14	59.9	59.7	59.6	59.7	27.5	20.0	24.9	26.1	21.2	24.1
15	59.8	59.9	59.7	59.8	29.3	20.5	24.6	29.2	22.2	25.3
16	59.2	58.3	58.1	58.5	28.0	21.1	25.6	26.7	22.4	24.9
17	57.8	57.6	57.8	57.7	28.8	21.7	25.9	28.5	26.6	27.0
18	58.0	57.5	57.2	57.6	30.5	22.3	26.2	27.8	24.5	26.1
19	57.2	56.5	56.5	56.7	30.3	23.1	27.8	29.8	24.4	27.3
20	57.3	56.9	56.6	56.9	31.3	22.5	29.1	30.6	24.2	28.0
21	57.0	56.3	55.8	56.4	31.4	22.3	26.9	31.1	27.5	28.5
22	55.7	54.6	53.9	54.7	31.3	23.6	27.2	31.4	25.0	27.9
23	52.7	52.6	52.6	52.6	30.5	22.8	27.2	29.7	25.0	27.3
24	53.3	53.6	53.4	53.4	30.2	22.9	27.4	30.0	25.0	27.5
25	52.7	52.6	52.6	52.6	29.7	22.8	27.1	28.7	24.9	26.9
26	52.7	53.3	55.1	53.7	30.5	20.8	26.8	30.0	24.2	27.0
27	56.6	57.6	58.5	57.6	29.8	20.2	26.8	29.0	25.6	27.1
28	59.7	59.5	59.6	59.6	30.1	20.2	25.9	28.9	22.9	25.9
29	58.3	57.2	56.9	57.5	29.7	20.4	26.1	29.2	23.4	26.2
30	56.3	56.7	57.4	56.8	30.5	21.7	27.2	30.6	23.2	27.0
31										
	57.80	57.57	57.67	57.67	29.46	20.98	26.01	28.50	23.20	25.90

Barometer, range for month 762.3 mm. — 752.6 mm

„ 71-yr. average for month 757.92 mm.

Thermometer, range for month 36.7°C — 18.8°C

„ 71-yr. average for month 25.62°C

Rain total for month 0.00 mm.

„ 71-yrs average for month 3.26 mm.

„ Total, Sept. 1st. to end of month 1160.26 mm.

„ 71-yrs. average. Sept. 1st. to end of month 891.41 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	17.3	13.3	20.0	16.9	52	29	62	48	7.0	171.0	
2	18.1	17.3	19.8	18.4	40	41	66	49	6.5	698.0	
3	22.4	20.6	23.7	22.2	65	49	85	66	13.2	480.0	
4	21.1	20.4	20.0	20.5	70	61	79	70	12.0	463.0	
5	19.8	21.2	20.5	20.5	65	66	84	71	9.5	89.0	
6	20.3	20.7	20.7	20.6	68	66	84	72	10.1	74.0	
7	21.1	20.0	19.5	20.2	68	58	77	68	10.3	455.0	
8	19.2	19.8	18.9	19.3	63	58	74	65	11.1	546.0	
9	19.8	20.4	19.5	19.9	65	54	78	66	12.7	177.0	
10	18.4	18.7	18.7	18.6	63	54	77	65	12.4	438.0	
11	19.2	21.5	19.6	20.1	62	60	75	66	12.4	594.0	
12	20.0	21.5	20.2	20.6	64	60	78	67	12.3	404.0	
13	18.2	18.4	18.3	18.3	57	49	74	60	11.3	82.0	
14	17.8	19.8	20.0	19.2	62	59	81	67	12.4	71.0	
15	21.7	22.2	22.2	22.0	71	55	83	70	12.5	105.0	
16	22.8	22.6	22.2	22.5	70	65	83	73	12.6	71.0	
17	21.7	24.0	21.9	22.5	65	64	63	64	12.6	143.0	
18	25.1	25.8	26.4	25.8	74	70	86	77	12.8	87.0	
19	20.4	27.7	26.4	24.8	55	66	87	69	12.3	101.0	
20	24.9	23.6	24.1	24.2	64	54	83	67	13.3	69.0	
21	25.3	27.6	23.5	25.5	73	61	66	67	13.2	172.0	
22	26.3	27.6	26.0	26.6	74	61	81	72	12.8	433.0	
23	26.3	27.4	27.3	27.0	73	67	86	75	12.1	455.0	
24	26.3	26.9	26.6	26.6	74	64	83	74	12.0	658.0	
25	24.2	23.5	23.3	23.7	66	59	74	66	11.6	731.0	
26	21.9	25.5	22.8	23.4	63	60	78	67	11.6	436.0	
27	20.0	18.8	14.7	17.8	57	48	46	50	12.4	272.0	
28	19.1	20.1	19.9	19.7	56	51	73	60	12.2	435.0	
29	20.4	23.1	21.4	21.6	59	55	74	63	11.9	206.0	
30	21.5	22.9	21.4	21.9	59	52	75	62	11.0	109.0	
31											
	21.35	22.10	21.66	21.70	63.9	57.2	76.5	65.9	11.67	307.50	0.00

Height of Barometer above sea level : 33.7 meters.

" " Thermometers above ground :

Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.

Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T

71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	5ci	9st	10st	8.0	1s	1e	2e	light	H., a.m.
2	10cu-st	6cu-st	3cu-ci	6.3	1ne	5ne	4ne	"	H., p.m. W., p.m.
3	0	0	0	0.0	2sw	3w	1w	"	H. a.m.
4	0	7cu-ci	0	2.3	3sw	2sw	1sw	"	H., all day
5	0	9cu-st	6cu-st	5.0	2sw	1nw	1n	"	H., all day
6	7cu-ci	0	9cu-st	5.3	1n	1n	1n	light	H., all day
7	5cu-ci	5cu-ci	7cu-st	5.7	3sw	3w	1w	"	H. a.m.
8	7cu-st	7cu-st	3cu-ci	5.7	3sw	3sw	2sw	"	H., a.m. Tr., a.m.
9	2cu	2cu-ci	8cu-st	4.0	2sw	2sw	1sw	"	H., a.m.
10	3cu	1cu	1cu	1.7	3sw	2sw	1sw	"	
11	1cu	5cu-ci	3cu-ci	3.0	3sw	3sw	2nw	light	H., a.m.
12	6cu-ci	6cu-ci	0	4.0	3sw	2sw	1nw	"	
13	3cu	6cu-ci	10cu-st	6.3	1sw	1nw	1sw	"	
14	3cu	0	0	1.0	1w	1w	1w	"	
15	0	1cu	0	0.3	2w	1sw	1w	calm	H., a.m.
16	1cu-ci	1cu	0	0.7	1w	1nw	1nw	calm	H., all day
17	0	0	0	0.0	1n	2n	1n	light	H., all day
18	9cu-ci	0	0	3.0	1sw	1n	1n	calm	
19	0	0	0	0.0	1nw	1n	1n	"	H., a.m.
20	0	0	0	0.0	1w	1n	1n	"	
21	0	0	0	0.0	2sw	1sw	1sw	light	
22	1ci	0	0	0.3	3sw	2sw	0	"	H., a.m.
23	2cu-ci	0	0	0.7	3sw	2sw	2w	"	H., a.m.
24	0	5cu-ci	0	1.7	4sw	3sw	1w	"	H., a.m.
25	2cu	4cu-ci	0	2.0	4sw	3sw	2nw	"	H., all day
26	0	0	5cu-st	1.7	3sw	2sw	1w	light	H., a.m.
27	4cu	1cu	0	1.7	2sw	2w	1w	"	H., a.m.
28	3cu-ci	2cu-ci	3ci	2.7	1w	3w	2w	"	
29	0	2cu-ci	6cu	2.7	2sw	2sw	1w	"	
30	0	2cu-ci	0	0.7	2sw	1w	1sw	"	
31									

Abbreviations :— G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	1	3	0	1	20	5	1	0	30
14:30	5	1	1	0	0	14	6	3	0	30
20:30	6	1	4	0	0	7	10	4	1	30
Total	13	10	3	0	1	41	21	8	1	90

Number of day with rain 0, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 0.79